APRIL/MAY 2025

BECS63B — MOBILE COMPUTING

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Mobile Equipment.
2. What is Frequency reuse?
3. Define IMEI.
4. Explain about SMS.
5. Define Tunnel.
6. Define Dynamic source routing.
7. List the key features of WAP.
8. Define WML.
9. Define Database.
10. Define polling mechanism.

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SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Discuss about features of cellular systems.

Or

(b) Write a note on

(a) FDMA

(b) TDMA

12. (a) Write a note on GSM operations.

Or

(b) Briefly discuss about bluetooth.

13. (a) Write a note on Routing Protocol.

Or

(b) Write a note on Indirect TCP.

14. (a) Explain Location based services.

Or

(b) Explain WAP protocol stack.

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15. (a) Write a note on context aware computing.

Or

(b) Explain Query decomposition in detail.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss about Handoffs in mobile communications.

17. Briefly Explain GPRS architecture.

18. Write a note on DHCP.

19. Write a note on WML.

(a) Event elements

(b) Input elements

20. Explain in detail about Database Hoarding.

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